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To: Examiner Yong Pak (571) 272-0935
Firm: PTO - Group Art Unit 1652
Fax #: 1-571-273-0935
From: Ian McLeod
Date: Sept. 27, 2004 Pages: 3 (Including coversheet)

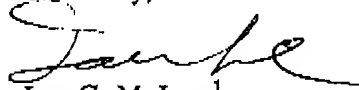
Re: MSU 4.1-560
Serial No. 09/924,841

Examiner Pak:

As requested, enclosed is the Supplemental Response to Restriction Requirement Under 35 USC 121 as faxed to you on August 2, 2004. Also, enclosed is a copy of the fax cover sheet.

If you have any questions or if anything further is needed, please let me know.

Sincerely,


Ian C. McLeod
(517) 347-4100

If transmission is interrupted or of poor quality, please notify us immediately by calling (517) 347-4100.

Notice: This communication is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the recipient of this communication is not the intended recipient or the employee or agent responsible for delivering the communication to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the communication to us at the above address via first class mail.

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To: Examiner Yong D. Park
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From: Ian C. McLeod
Date: 8/02/2004 Pages: 2 (Including cover sheet)

MSU 4.1-560
Serial No. 09/924,841
Confirmation No. 2882

Examiner Park:

Following is the Supplemental Response to Restriction Requirement Under 35 US 121 which we discussed today.

Ian C. McLeod



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Docket No. MSU 4.1-560
Appl. No. 09/924,841
Amdt. Dated: July 20, 2004
Reply to Office action of June 30, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.: 09/924,841 Confirmation No.: 2882
Applicants: David R. Dilley, Dina K. Kadyrzhanova,
Zhenyong Wang and Toni M. Warner
Filed : August 8, 2001
Title : MODIFIED SYNTHETASES TO PRODUCE PENICILLINS
AND CEPHALOSPORINS UNDER THE CONTROL OF
BICARBONATE
TC/A.U. : 1652
Examiner : Yong D. Pak
Docket No.: MSU 4.1-560

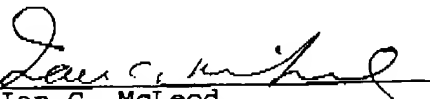
MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL RESPONSE TO RESTRICTION REQUIREMENT
UNDER 35 USC 121

Sir:

In reference to the telephone call today, the Applicant elects *Aspergillus nidulans* which produces isopenicillin N synthetase (IPNS) which is modified to form Glu at position 212 (Glu212) to an Arg codon (Arg212) as discussed on page 29 et seq. This is protein sequence ID NO:1 disclosed on page 31, lines 24 to 28 of the specification. The DNA is shown at Genbank Accession No. M18111. This is also the subject matter of Examples 1 to 3.

Respectfully,


Ian C. McLeod
Registration No. 20,931

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